

WHAT IS CLAIMED IS:

1. A cyclone-type dust collecting apparatus for a vacuum cleaner, comprising:

a cyclone body having an air inlet port and an air outlet port, for forming a vortex current
5 of air which is introduced through the air inlet port and contains dust;

a dust collecting container removably coupled to the cyclone body so as to collect the
dust separated by centrifugal force of the vortex current in the cyclone body;

a grill disposed at an upstream portion of the air outlet port in the cyclone body to prevent
the air from flowing back through the air outlet port; and

10 a fine dust filtering means disposed at a downstream portion of the grill in the cyclone
body to collect fine dust which passes through the grill.

2. The apparatus of claim 1, wherein the cyclone body comprises a vortex current
chamber formed with the air inlet port, a pressure drop chamber formed with the air outlet port,
15 and also a path forming member for forming an air outlet guiding path by which the air containing
the fine dust passing through the grill is flown from an upstream portion toward a downstream
portion of the fine dust filtering means and then exhausted through the air outlet port.

3. The apparatus of claim 2, wherein the fine dust filtering means comprises a filter
20 mounting portion formed at an upper side of the path forming member and having a front opening
and a plurality of upper and lower through holes for communicating the air outlet guiding path and
the air outlet port; and a filter assembly detachably coupled to the filter mounting portion in a
drawer way.

4. The apparatus of claim 3, wherein the filter assembly comprises a filter case

having a shape corresponding to a size and a structure of the filter mounting portion; and a fine filter disposed at the filter case.

5. The apparatus of claim 4, wherein the fine filter is formed of sponge.

5

6. The apparatus of claim 4, further comprising a packing member disposed at a portion of the filter case, which is contacted with the front opening.

7. The apparatus of claim 4, further comprising a handle provided at a front face of

10 the filter case.